

DSCL2 Surge Counter



Technical Data	
Impulse current min.	50A (8/20µs)
Impulse current max.	50kA (8/20µs)
Number of events logged	999
Average battery lifetime	> 4 years
Enclosure protection class	IP 20
Dimensions DIN 43880	2TE
Weight	150g
Temperature range	-20°C....+70°C
Storage temperature	-30°C....+80°C
Mounting EN 60715	35mm top-hat rail
Battery type (replaceable)	CR123A

1. Preparation

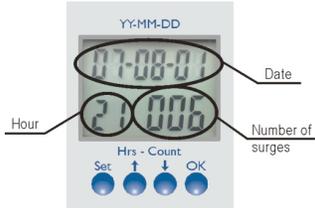
⚠ DANGER: Electrical shock or burn hazard. Qualified personnel should only install this product. Failure to lockout electrical power during installation or maintenance can result in fatal electrocution or severe burns. Before making any connections to this electrical panel please ensure that power has been removed from all associated wiring, electrical panels, and other electrical equipment.

2. Introduction

DSCL2 consists of a LCD that shows count number and time/date of event. Sensor is in the form of a Snap-on toroid core, connected to counter with a twisted wire.

3. Quick Installation Overview

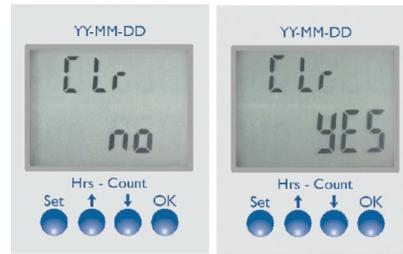
1. LCD screen is turned off by default to preserve energy. Turn it on with the press of any button. The initial screen shows us surge count (lower-right corner), the date (above) and the hour (lower-left corner) of last surge.



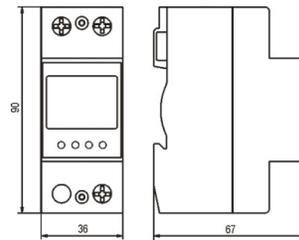
2. Start the time and date setting routine by pressing the OK button. While in time/date set routine, confirm by pressing OK button or move back by pressing Set button. Numbers are changed with UP (↑) and DOWN (↓) buttons. The number being set is blinking.



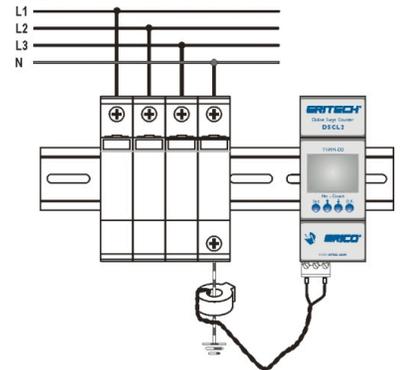
3. When time/date is set an option for CLEARING ALL DATA appears. Select option Yes or No with UP and DOWN arrows and confirm it by pressing OK. WARNING! Once data is cleared it can't be retrieved.



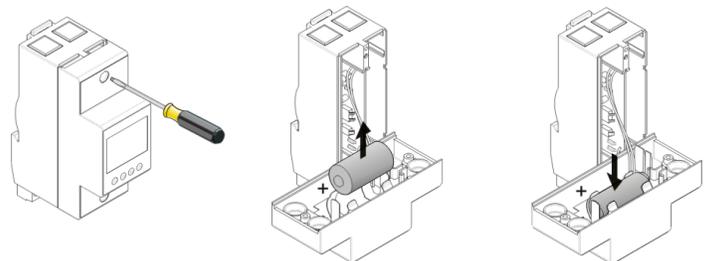
Dimensions [mm]



Typical Installation



Battery Replacement



- WARNING**
1. ERICO products shall be installed and used only as indicated in ERICO product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative.
 2. ERICO products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
 3. All instructions must be completely followed to ensure proper and safe installation and performance.
 4. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

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